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(54) CARBON MONOXIDE REMOVER

(57) Abstract:

PURPOSE: To prevent the lowering of the catalytic activity of a CO oxidizing catalyst by combining the catalyst obtd. by supporting Pd and Cu salts as catalytic components on a carrier with a gas adsorbent obtd. by supporting a salt of a metal such as Ti on a carrier.

CONSTITUTION: A CO oxidizing catalyst obtd. by

supporting a Pd salt such as palladium chloride ($PdCl_2$) and a Cu salt such as cupric chloride ($CuCl_2$) on a porous carrier such as γ -alumina by a dipping method is used in combination with a gas adsorbent obtd. by supporting salts of one or more kinds of metals such as Ti and V on a porous carrier such as activated carbon. CO can be more effectively removed from waste gas contg. CO and various org. gases over a longer time as compared with the CO oxidizing catalyst consisting of only Pd and Cu salts.

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